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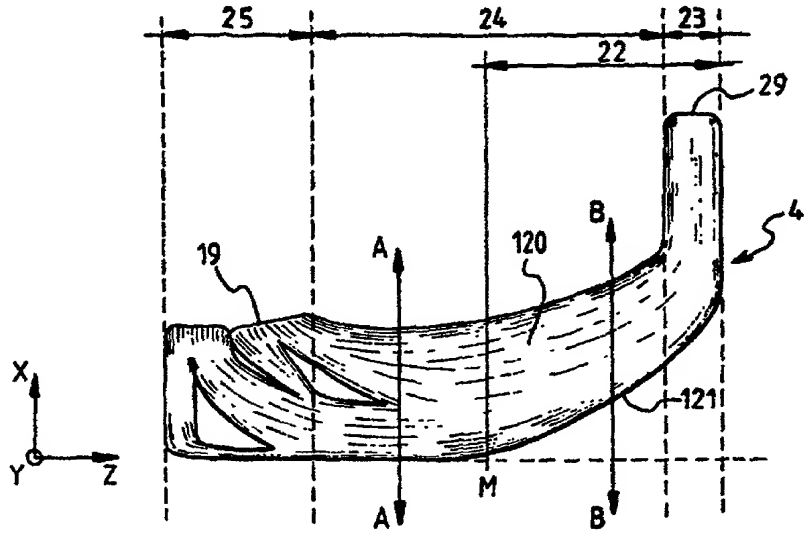
(54) Title: DEFLECTION UNIT FOR SELF–CONVERGING CATHODE–RAY TUBES WITH REDUCED TRAPEZOID DIFFERENTIAL



(57) Abstract

Electromagnetic deflection unit for colour cathode–ray tubes, comprising a pair of frame deflection coils and a pair of line deflection coils, at least one of these two pairs of coils having the shape of a saddle, each saddle–shaped deflection coil (3) having a rear bundle (19) placed on the side facing the electron gun and a front bundle (29) on the side facing the screen, two lateral harnesses of conductors connecting the front bundle to the rear bundle, each lateral harness being characterized in that the external edge of the said lateral harness lies in a radial angular position close to 0° at the rear of the coil and in a radial angular position greater than 5° at the front of the coil, so as to minimize the trapezoid differential error between the red and blue beams.